



GE Transportation Digital Solutions

GoLINC ACC Platform

Robust, modular, scalable network, communication and application management platform for locomotives



GoLINC: is an industry-tested network, communication and application management platform for the railroad environment. It is a mobile data center that provides robust processing, wireless communication, networking, video and data storage. GoLINC interfaces with both locomotive and third party systems to make data available, and features onboard wireless capability for easier data transfer.

GoLINC is a modular and scalable LSI platform which integrates networking and communications, plus provides flexible integration options for other systems and applications requirements.

GoLINC is engineered as a single platform that can be used in a wide variety of applications, from the LSI shelf of a locomotive to wayside basestation applications. It shares technology with smaller, less modular GoLINC EP and AP platforms.

The GoLINC ACC modules are provided to the customer with full access to allow the customer to configure the module as they choose, whether it is managing security certificates and firewall rules or adding third-party software to the platform.

Features

Featured application modules

- System master module: Ethernet network switching, routing, and system management
- Array module: rugged, network addressable, data storage, with RAID configuration support
- Applications processing module: industrial, virtualization-enabled with 64-bit processing capability to run supplier or customer applications on the platform
- Wireless communications module: cellular and Wi-Fi communication manager with smart routing and security

Featured support modules

- Power supply modules
 - Wide input voltage range
 - Single and dual options for redundancy and load sharing
- Smart fan and power insertion modules:
 - Smart features watch for fouling, MTBF, tracking, etc.
 - High and low voltage power insertion options available
- UPS and power conditioning modules
 - Fully configurable and installed on rear of Titan ACC

**2- and 4-slot renders not shown to scale with Titan.*